

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 10/046,078

REMARKS

This amendment, submitted in response to the Office Action dated March 12, 2003, is believed to be fully responsive to each point of rejection raised therein. Accordingly, favorable reconsideration on the merits is respectfully requested.

Claims 1-13 remain pending. Claims 2-8 and 11-13 have been deemed allowable over the art of record. Claims 2-8, though allowable over the art of record, have been objected to for depending on rejected base claims. Claims 1 and 9 have been rejected under 35 U.S.C. § 102 as being anticipated by the admitted prior art. Claim 10 has been rejected under 35 U.S.C. § 103 as being unpatentable over the admitted prior art in view of Johnson et al. (U.S.P. 5,889,534, hereafter "Johnson"). Applicant submits the following comments in traversal of the art rejections.

The Examiner maintains that the features of claims 1 and 9 are anticipated by the admitted prior art, specifically identifying Figs. 1-4 and 21-22. Applicant would submit that Figs. 1-4 do not correspond to prior art but rather describe an exemplary embodiment of the invention. To expedite prosecution of this case, Applicant has rewritten claim 2 in independent form. In addition, Applicant has rewritten claim 1 to parallel the recitations of allowable claim 11. Applicant would submit that claim 1, as amended, is allowable for similar reasons as allowed claim 11.

Applicant adds new claims 14-17 to describe an alternative scope of coverage for the invention.

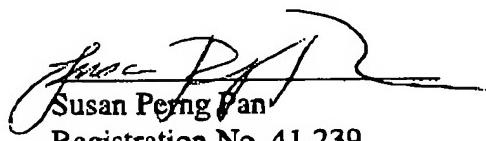
In view of the above, Applicant submits that claims 1-17 are in condition for allowance. Therefore it is respectfully requested that the subject application be passed to issue at the earliest

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possible time. The Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE



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PATENT TRADEMARK OFFICE

Date: June 9, 2003

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

1. (Amended): An apparatus for recording a two-dimensional image on a recording sheet held on an outer circumferential surface of a drum rotated by a rotational drive source by scanning the recording sheet with a recording head in a main scanning direction perpendicular to an axis of said drum and moving said recording head with an auxiliary scanning direction moving means in an auxiliary scanning direction extending along the axis of said drum which is substantially perpendicular to said main scanning direction, wherein said recording head comprises means for recording an image on the recording sheet held on the outer circumferential surface of the drum in at least one of an accelerating period in which said rotational drive source accelerates said drum from a stop to a constant rotational speed and a decelerating period in which said rotational drive source decelerates said drum from said constant rotational speed to a stop, ~~and in a constant rotational speed period in which said rotational drive source rotates said drum at said constant rotational speed.~~

2. (Amended): An apparatus according to claim 1, for recording a two-dimensional image on a recording sheet held on an outer circumferential surface of a drum rotated by a rotational drive source by scanning the recording sheet with a recording head in a main scanning direction perpendicular to an axis of said drum and moving said recording head with an auxiliary scanning direction moving means in an auxiliary scanning direction extending along the axis of said drum which is substantially perpendicular to said main scanning direction, wherein said

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recording head comprises means for recording an image on the recording sheet held on the outer circumferential surface of the drum in at least one of an accelerating period in which said rotational drive source accelerates said drum from a stop to a constant rotational speed and a decelerating period in which said rotational drive source decelerates said drum from said constant rotational speed to a stop, and in a constant-rotational-speed period in which said rotational drive source rotates said drum at said constant rotational speed, further comprising:

recording position correcting means for correcting the position in which said recording head records the image on the recording sheet depending on the peripheral speed of said drum in at least one of said accelerating period and said decelerating period; and

recording output correcting means for correcting a recording output from said recording head depending on the peripheral speed of said drum.

Claims 14-17 are added as new claims.